

FIGURE 1a

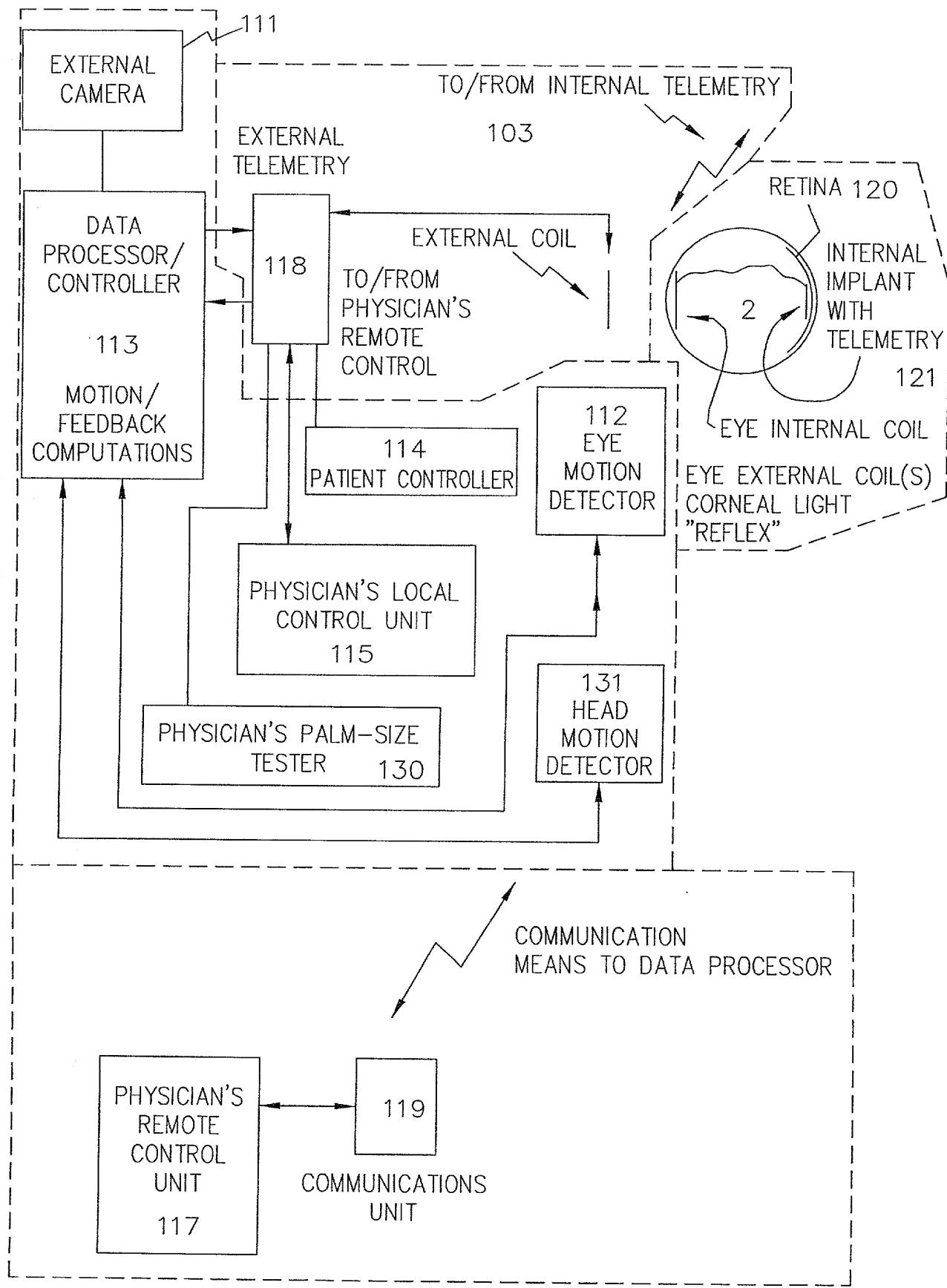


FIGURE 1b

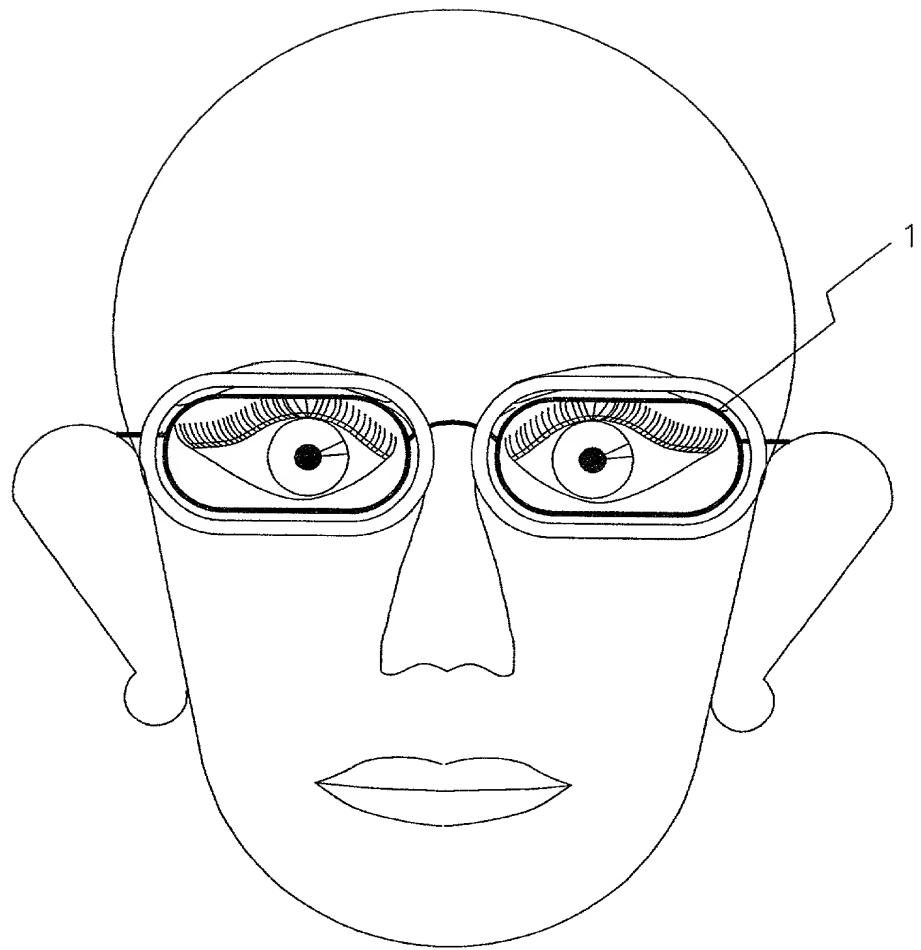


FIGURE 1c

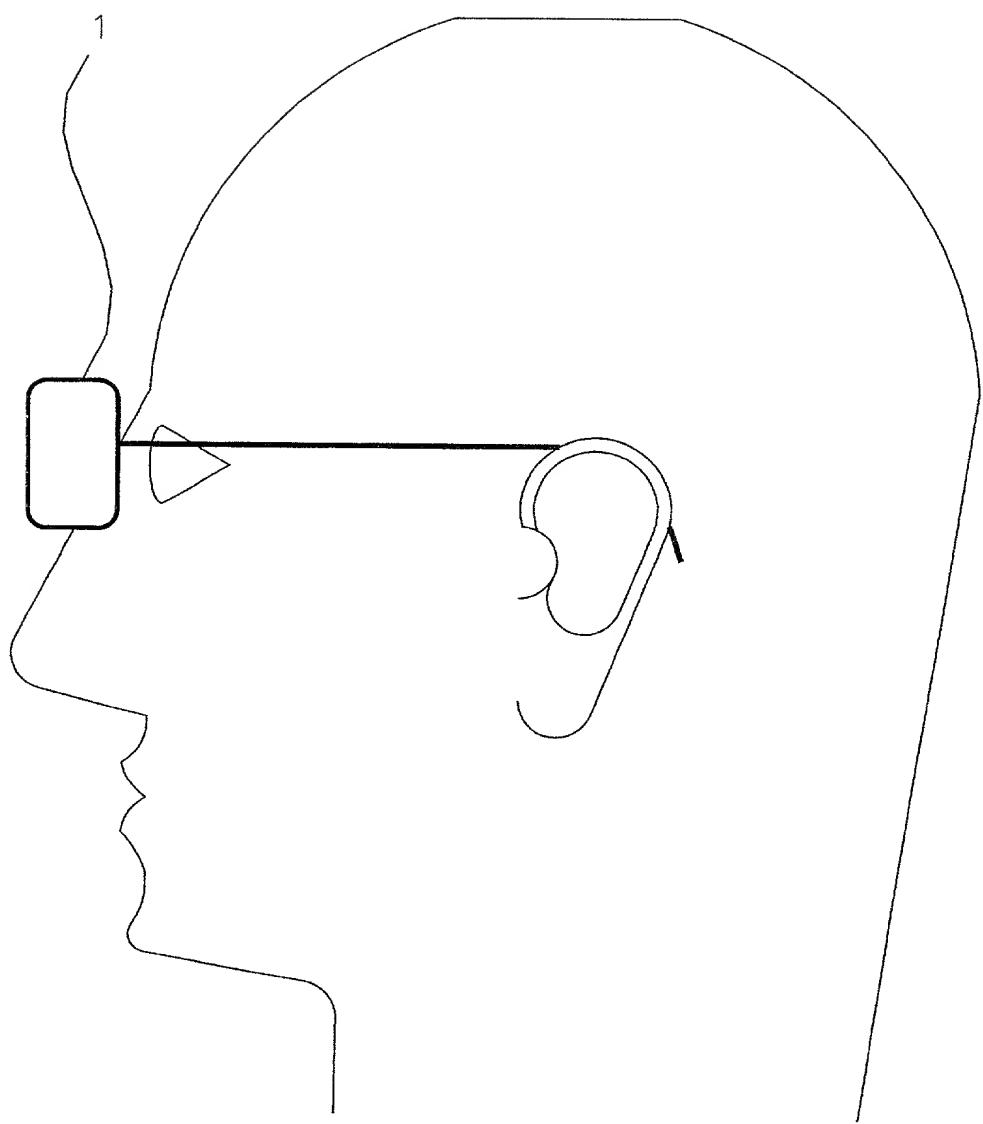


FIGURE 1d

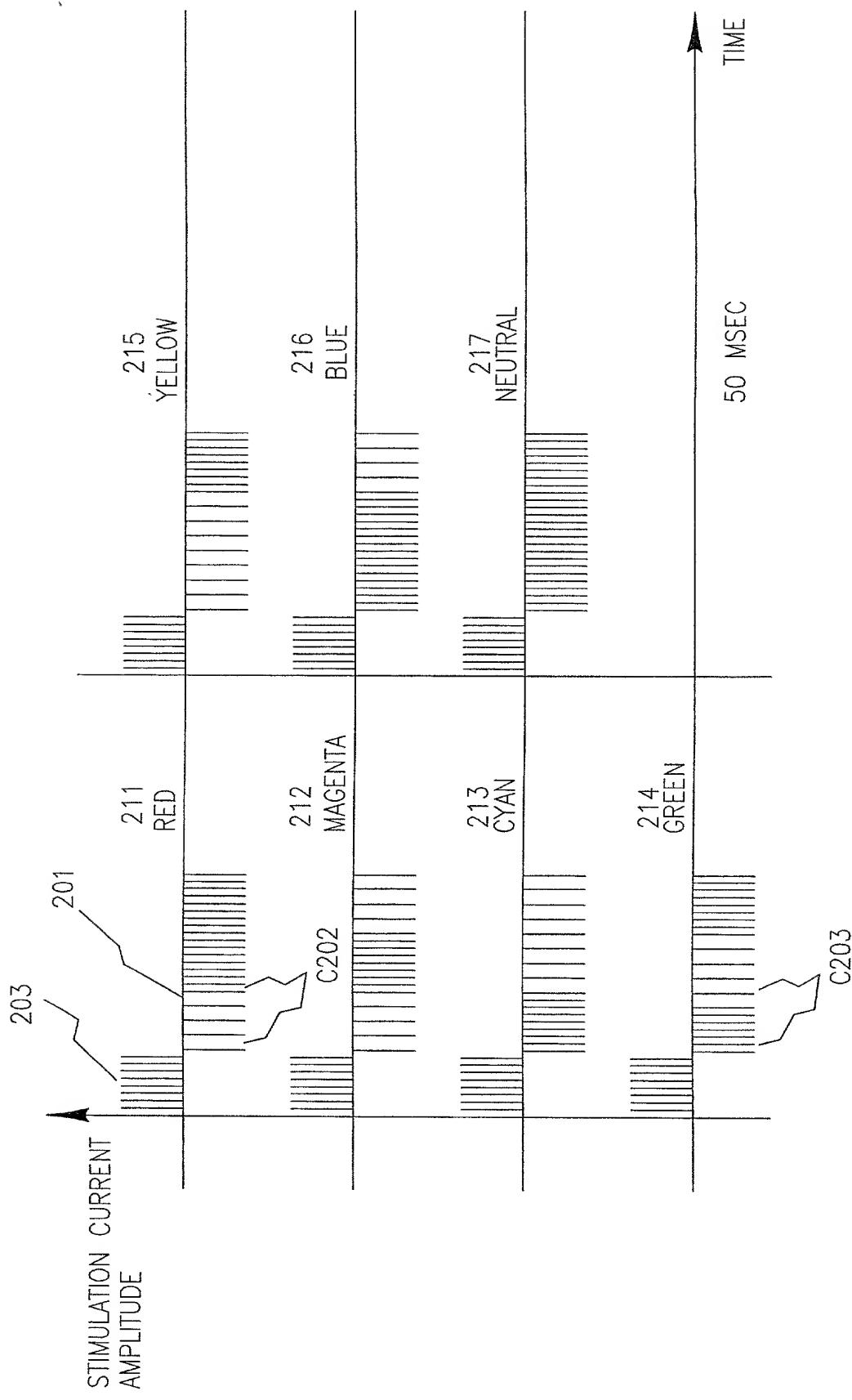


FIGURE 2a  
COLOR CODING

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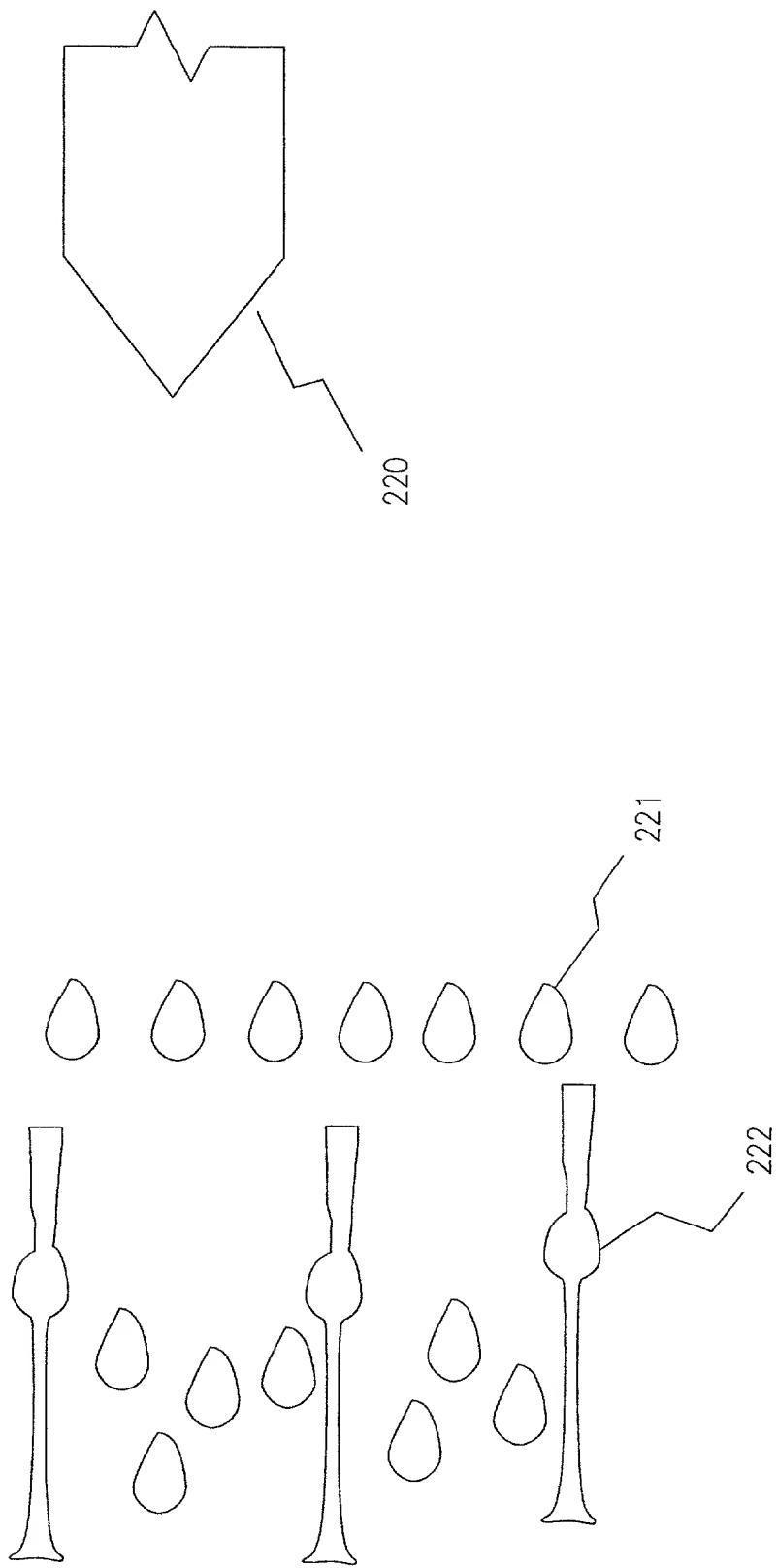


FIGURE 2b

221 222 230

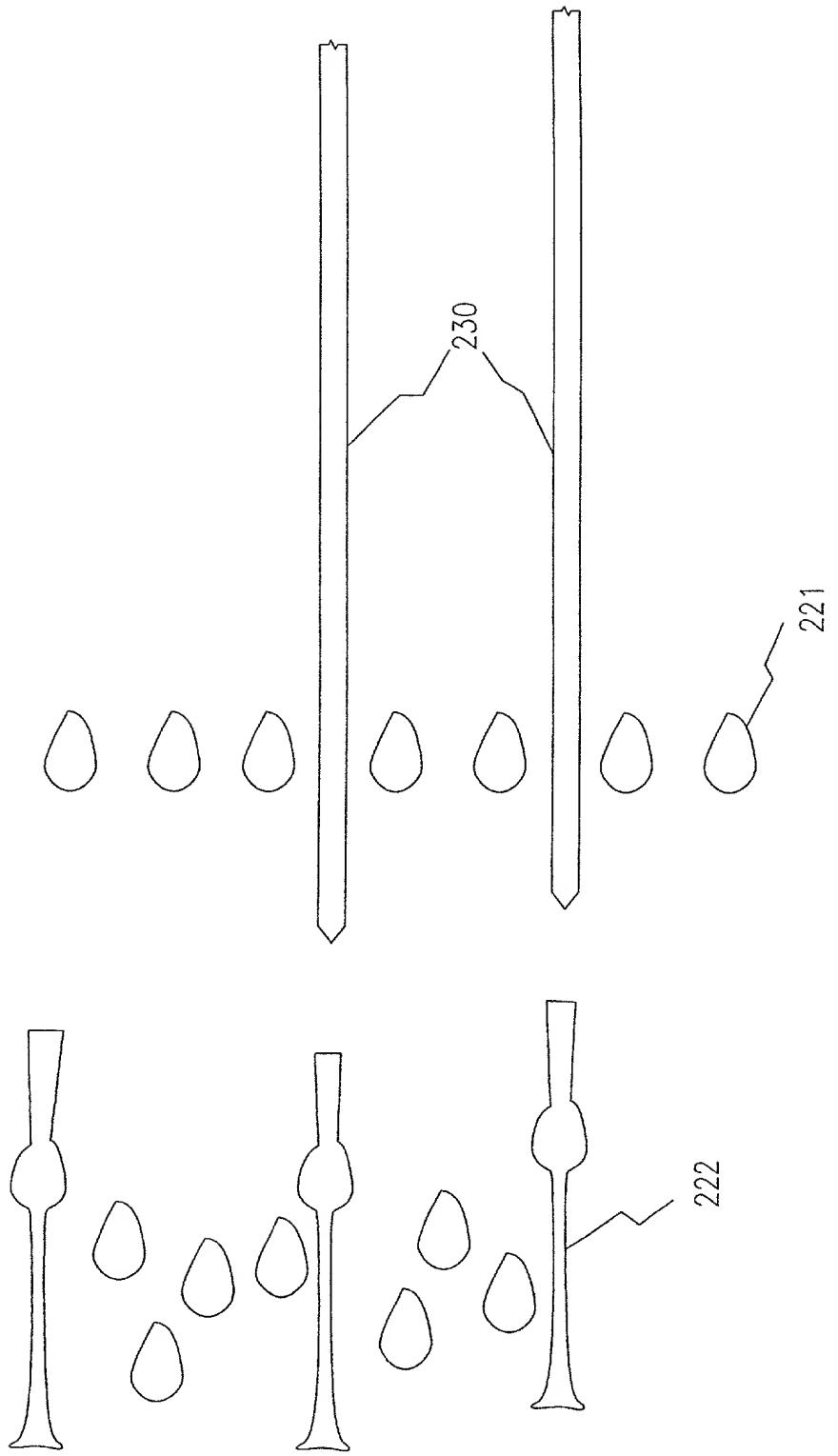
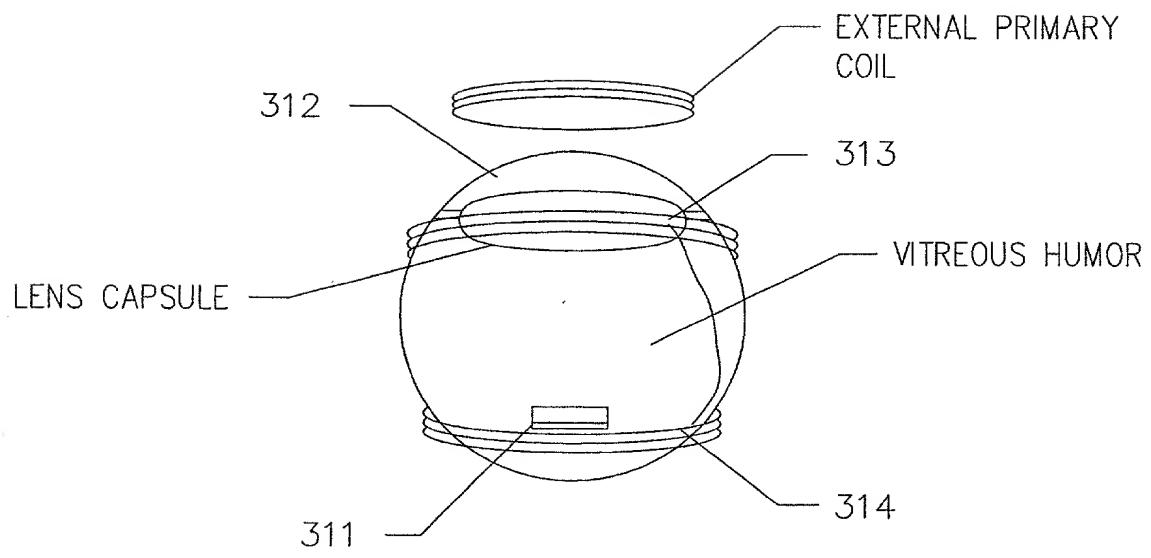


FIGURE 2c



EXTERNAL/INTERNAL TELEMETRY UNIT –  
EXTERNAL COIL/INTERNAL COIL /INTERNAL CHIP

FIGURE 3a

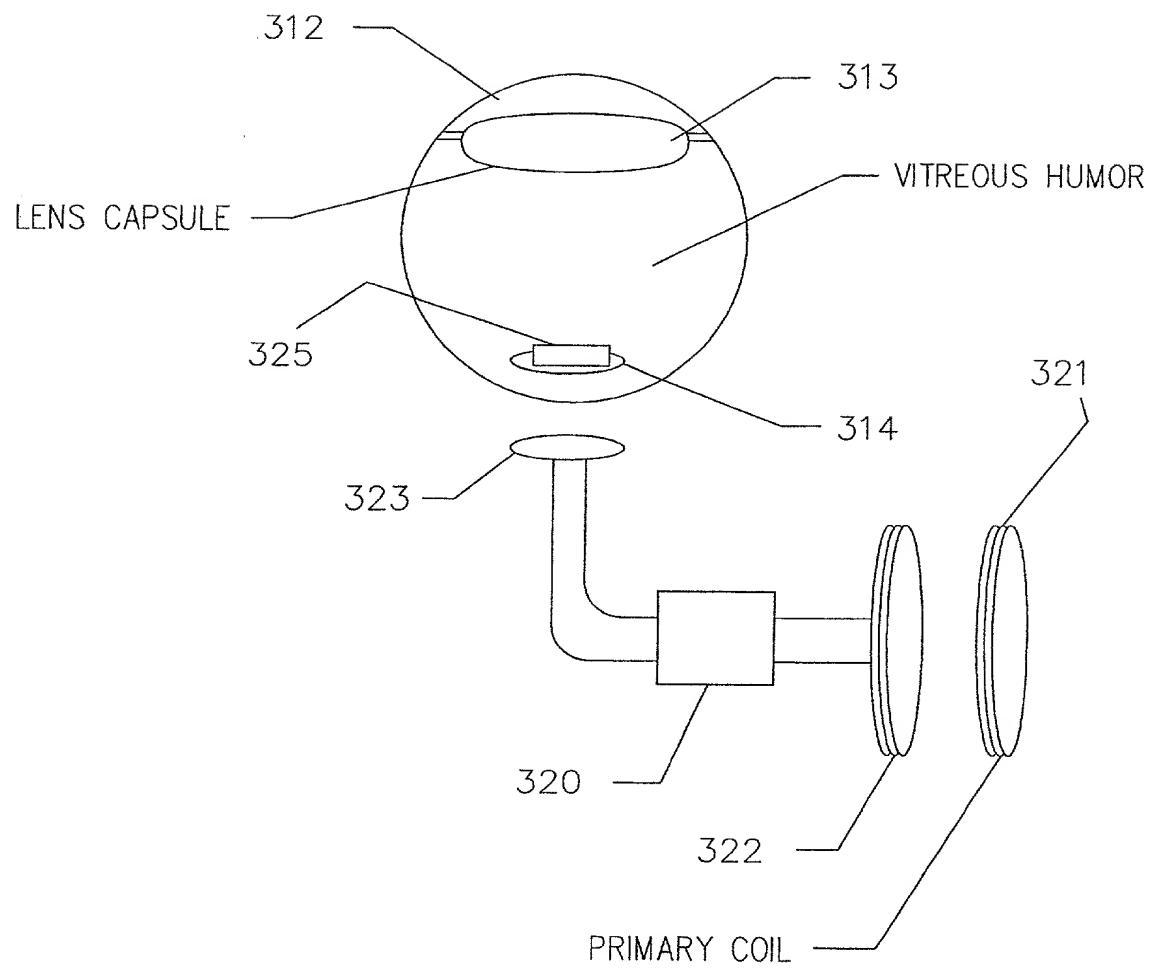


FIGURE 3b

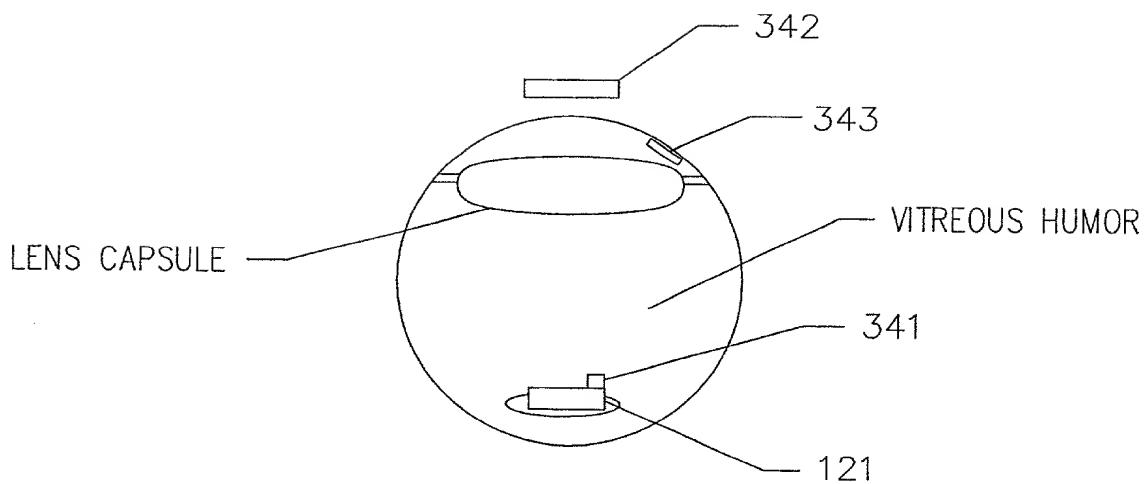


FIGURE 3c

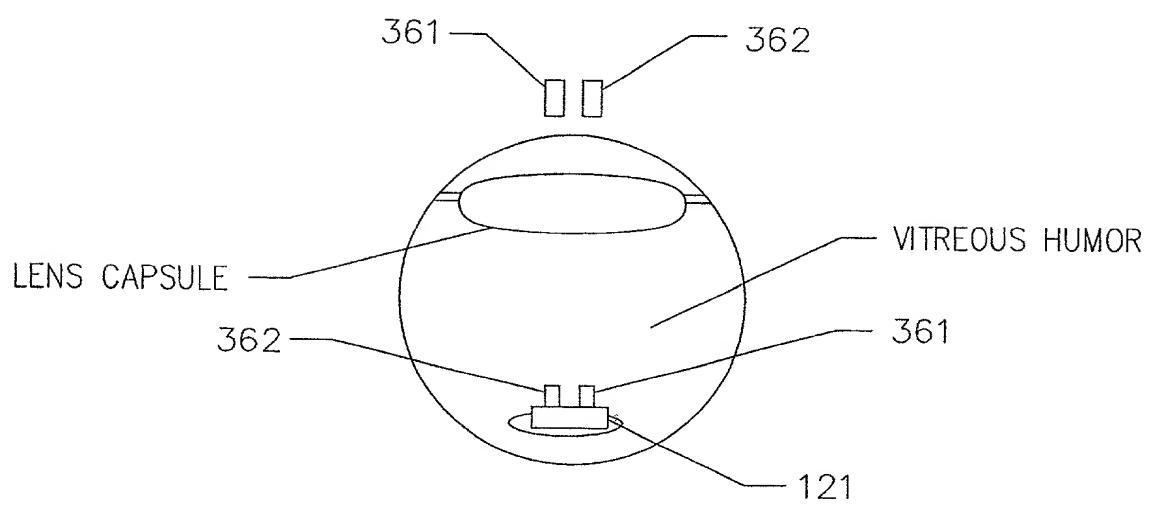
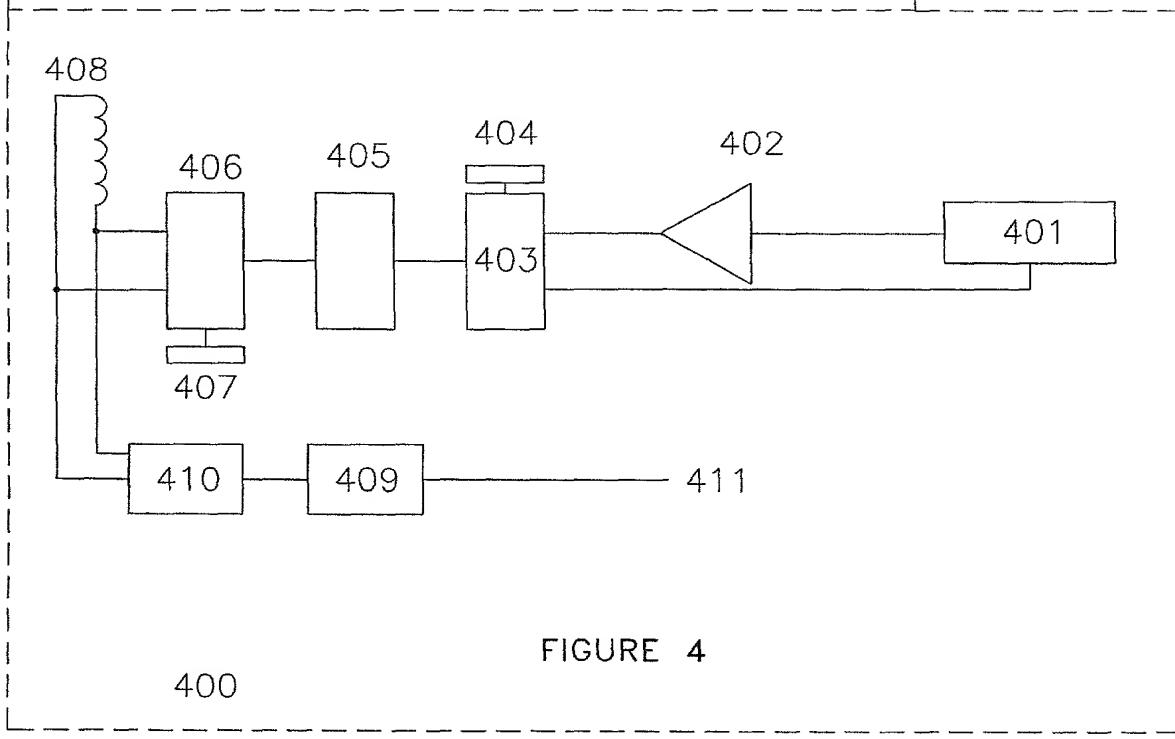
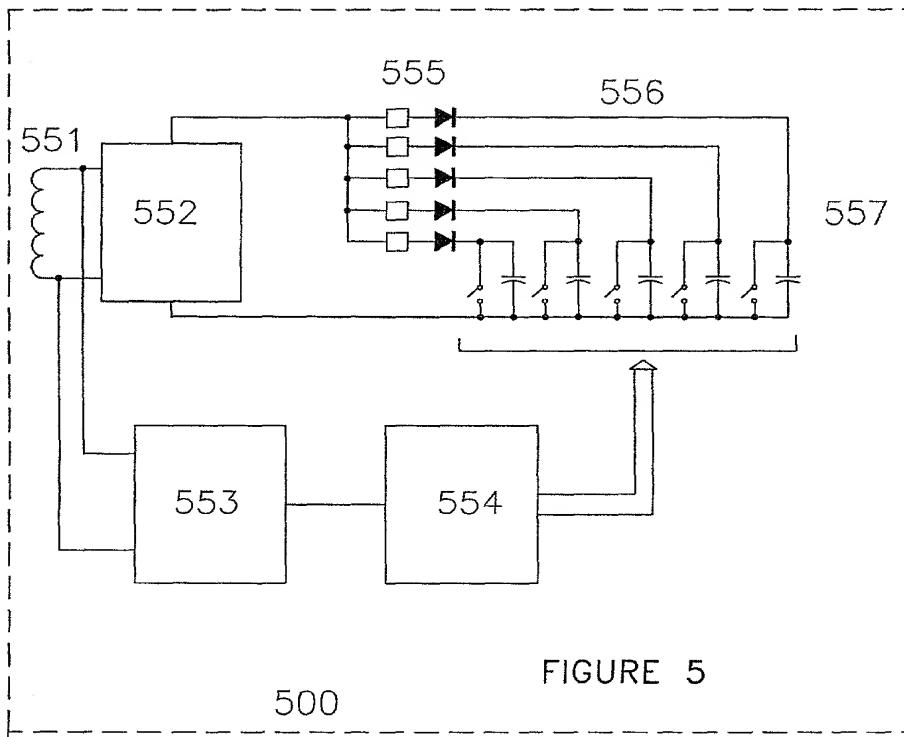
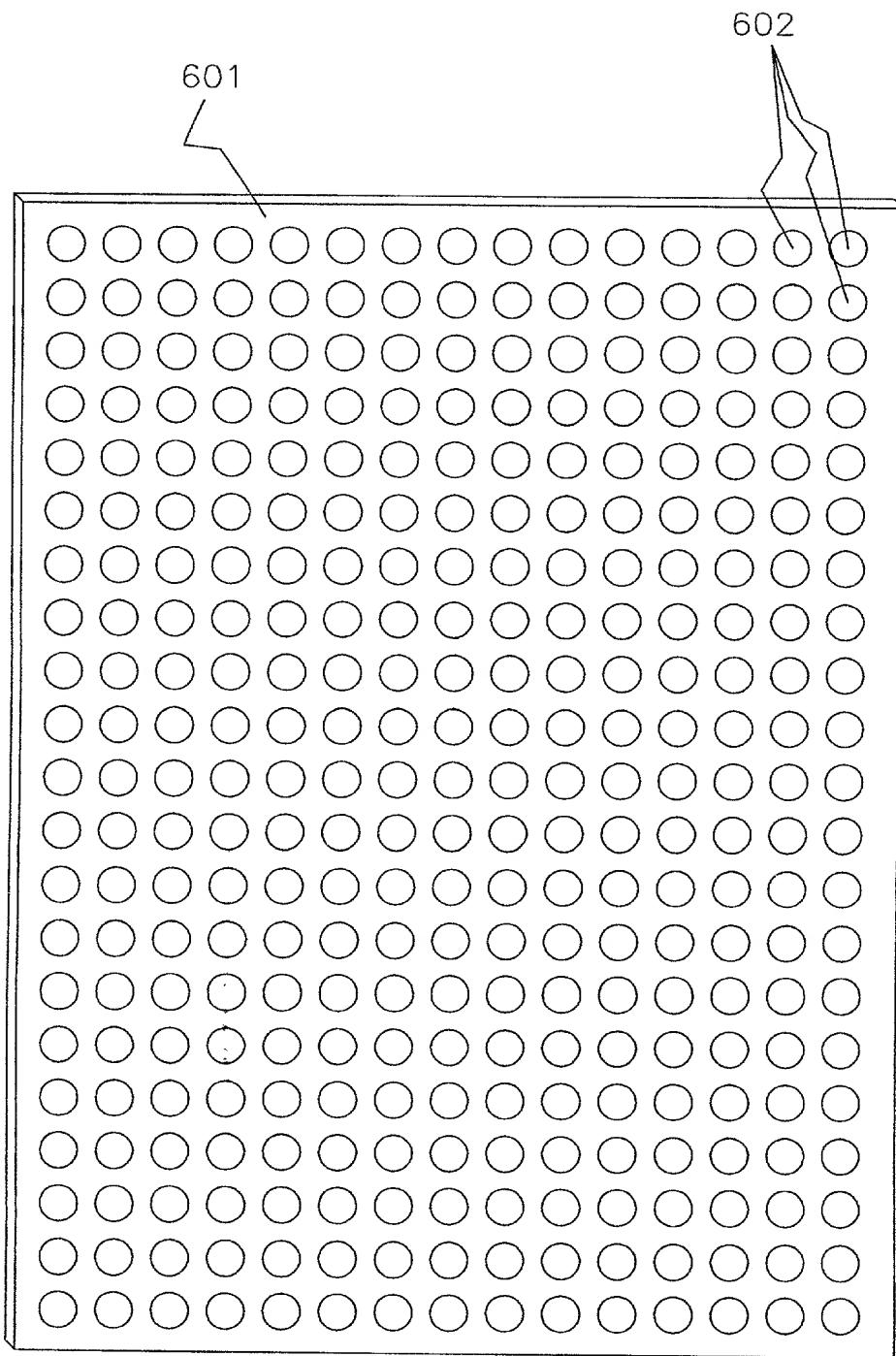


FIGURE 3d





ELECTRODES ON SUBSTRATE

FIGURE 6a

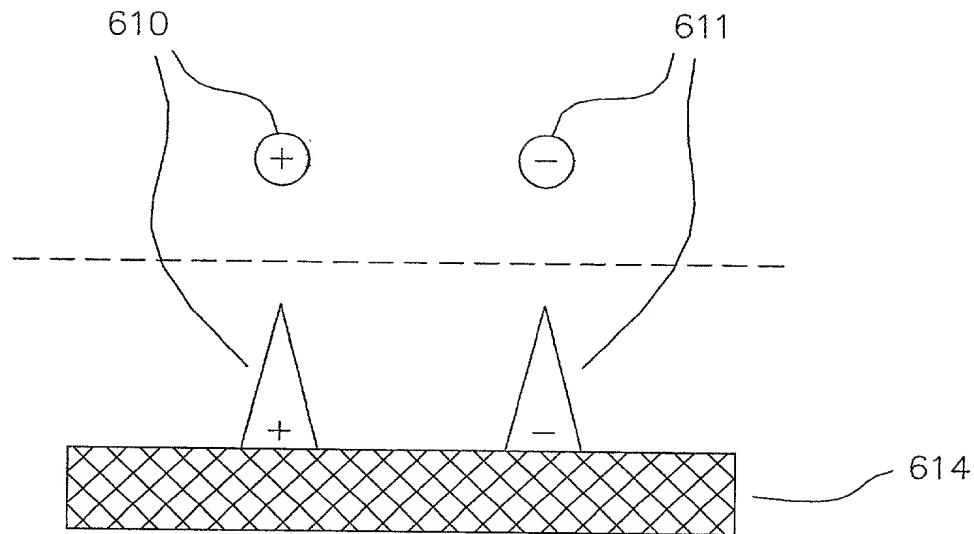


FIGURE 6b

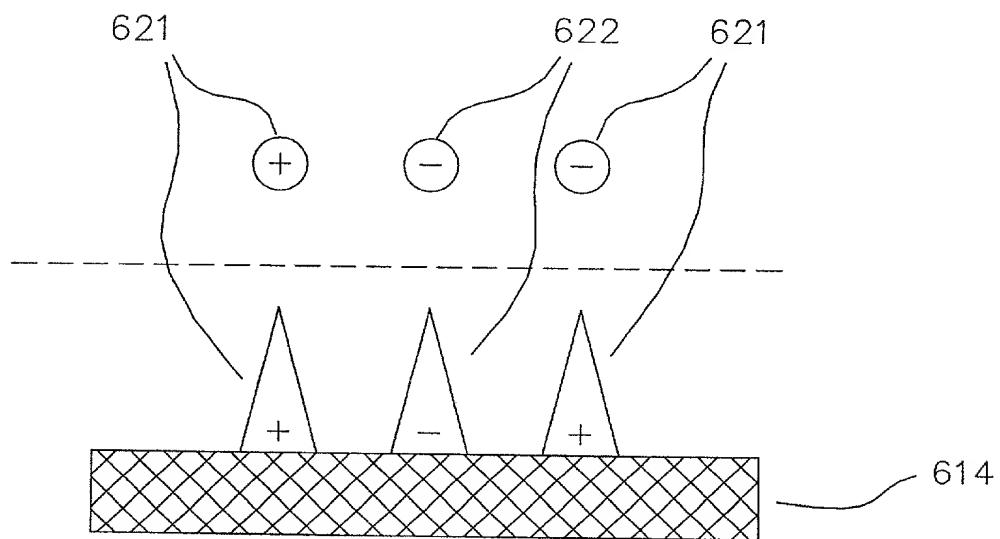
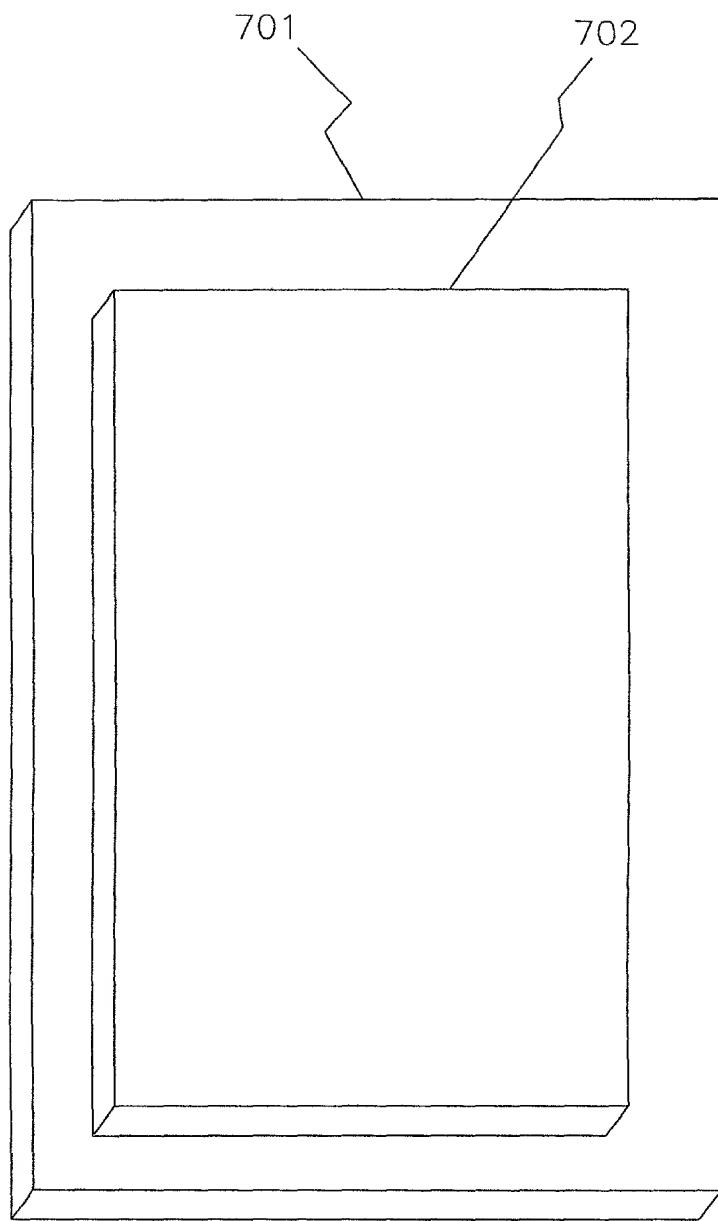


FIGURE 6c



INDIFFERENT ELECTRODE OF MONOPOLAR ELECTRODES

FIGURE 7

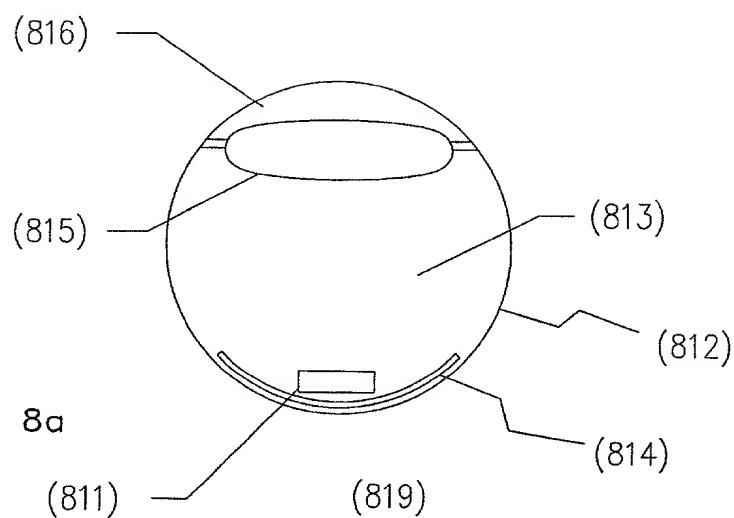


FIGURE 8a

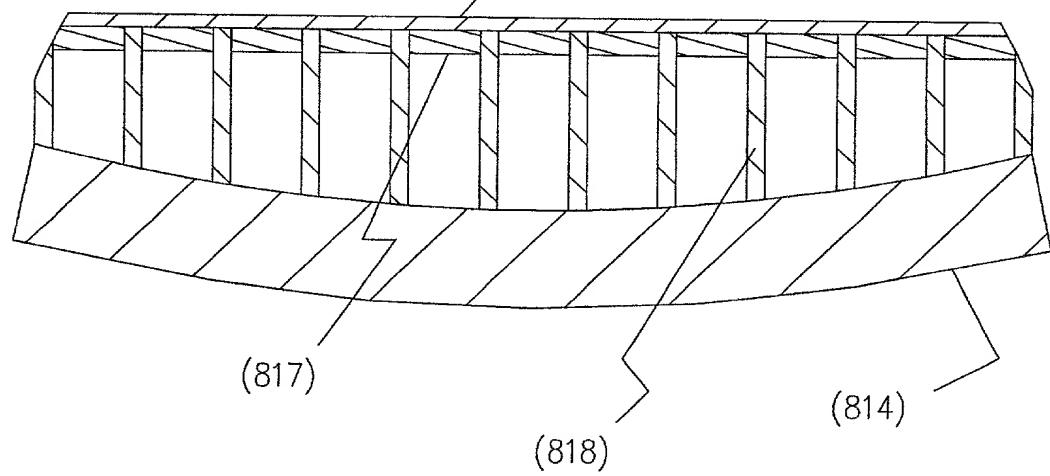


FIGURE 8b  
EPIRETINAL ELECTRODES – RECESSED

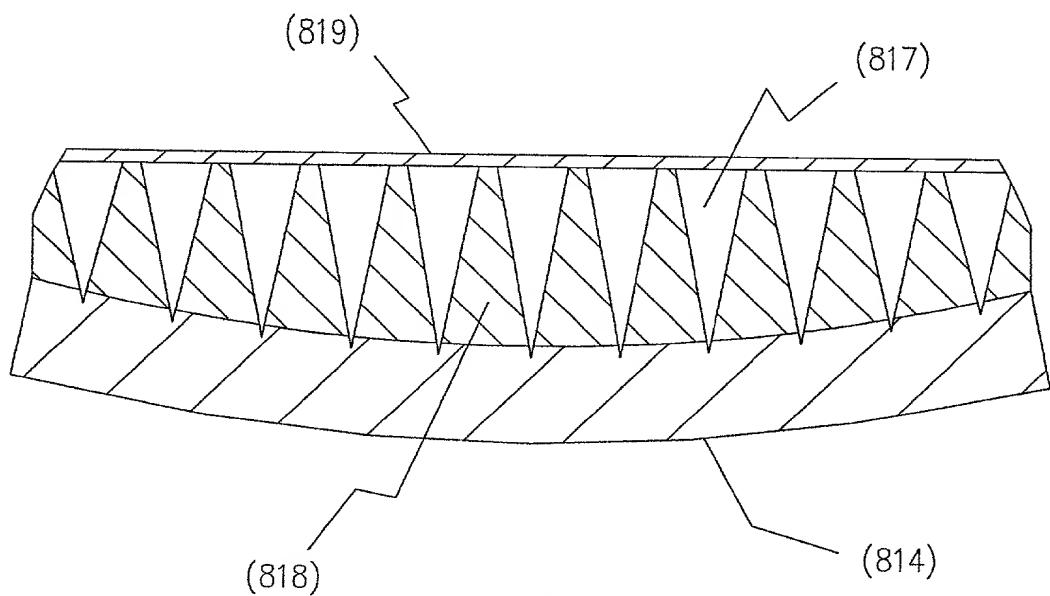


FIGURE 8c  
EPIRETINAL ELECTRODES – PENETRATING

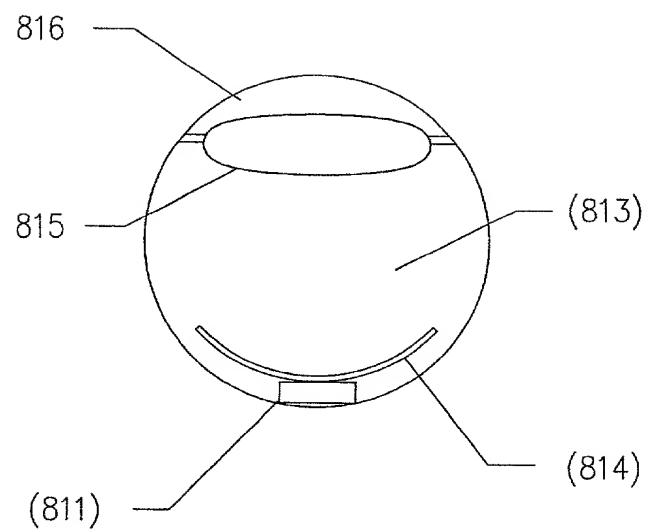


FIGURE 9a

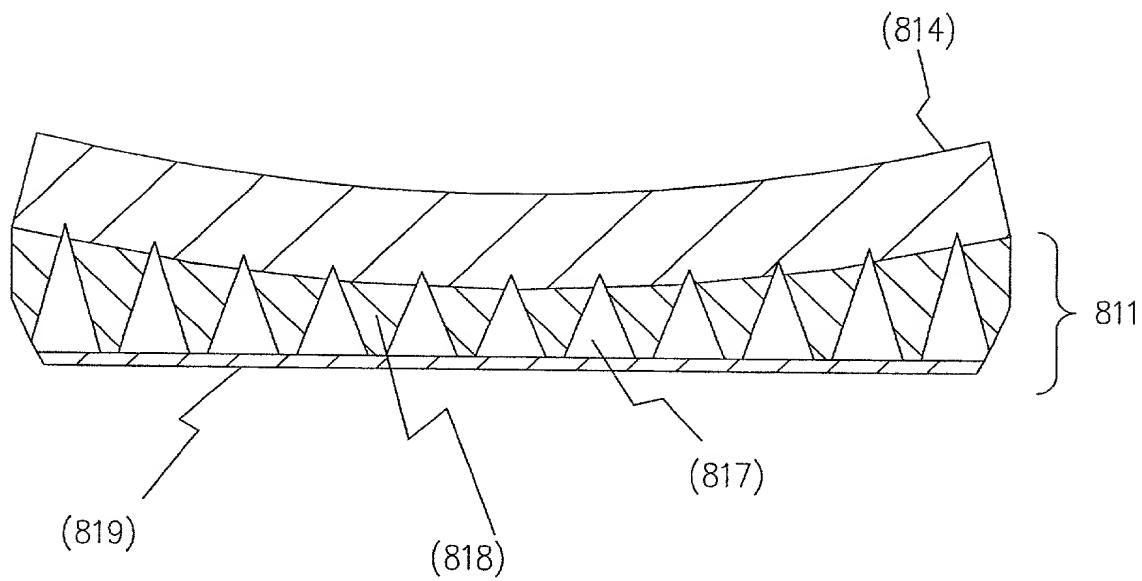


FIGURE 9b  
SUBRETINAL ELECTRODES – PENETRATING

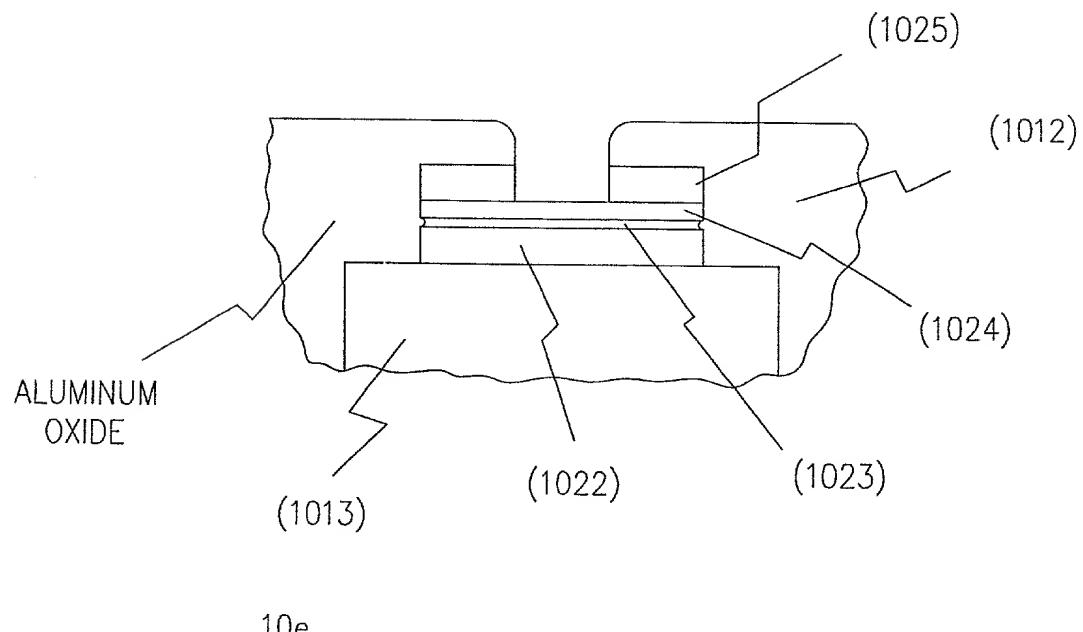
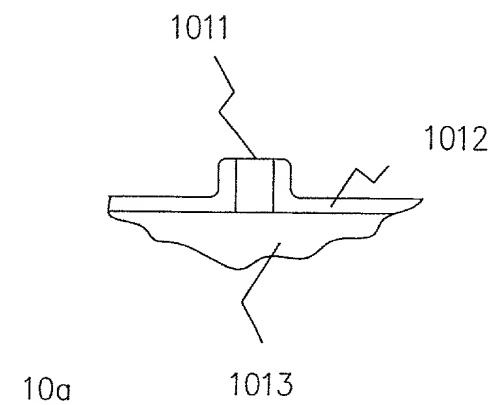
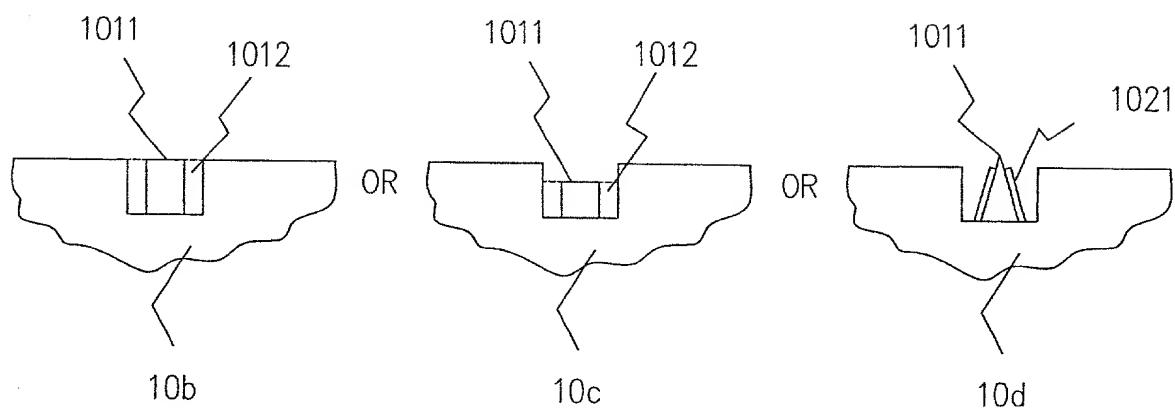


FIGURE 10

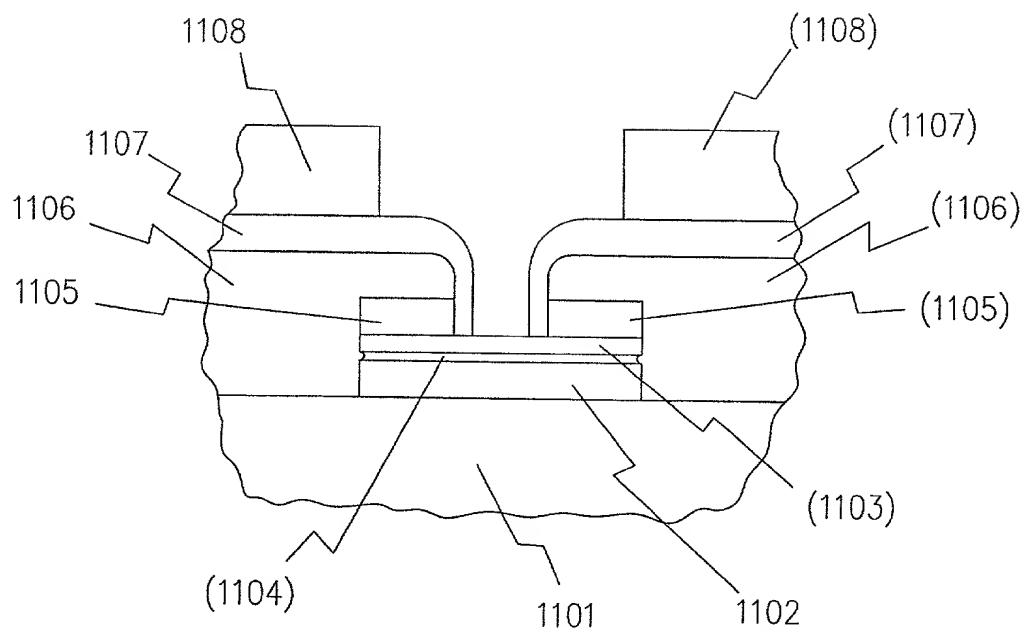


FIGURE 11a  
ELECTRODES

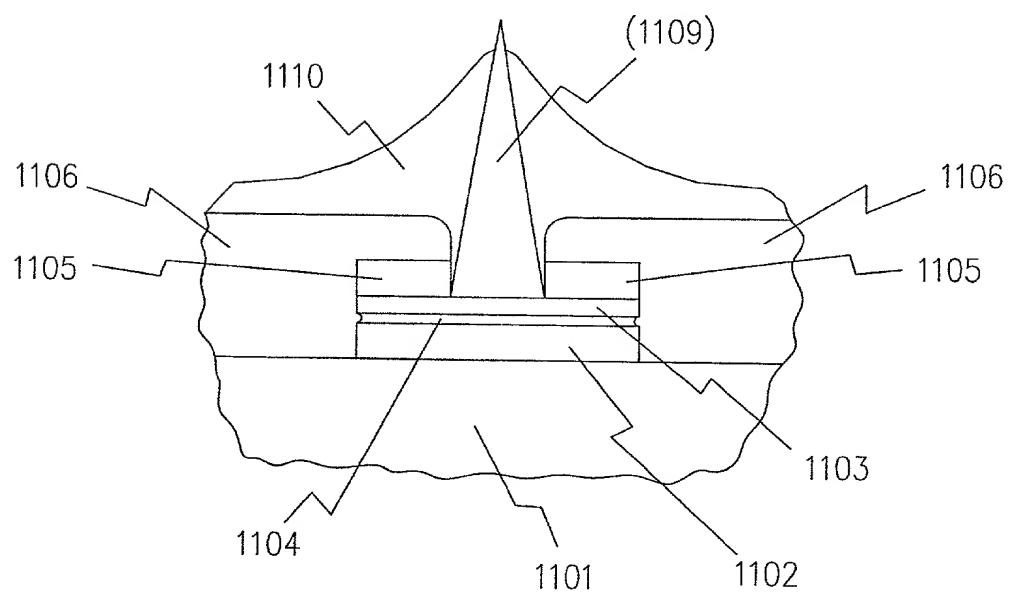


FIGURE 11b  
ELECTRODES

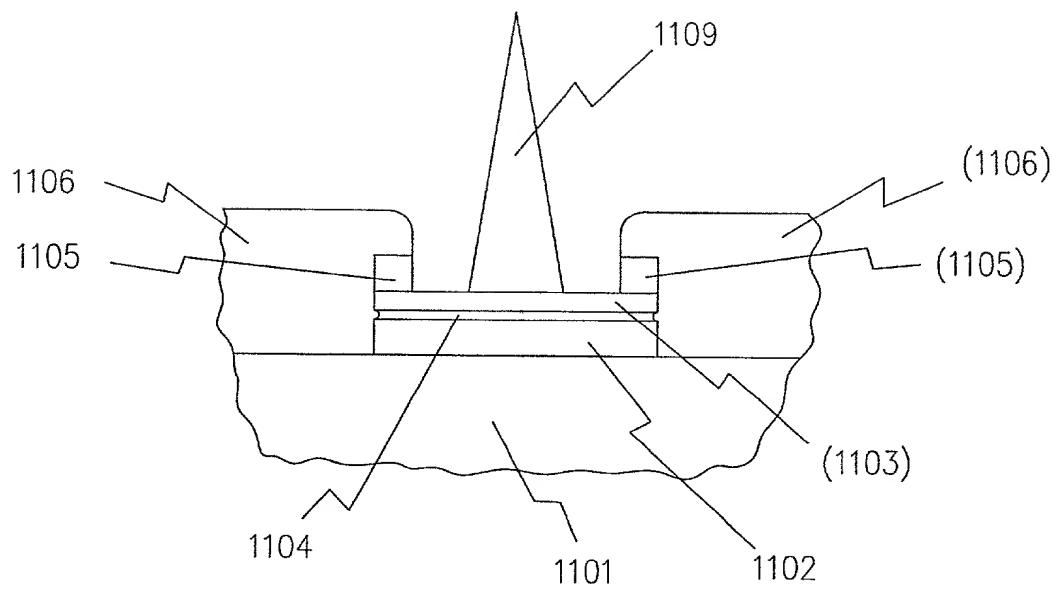


FIGURE 11c

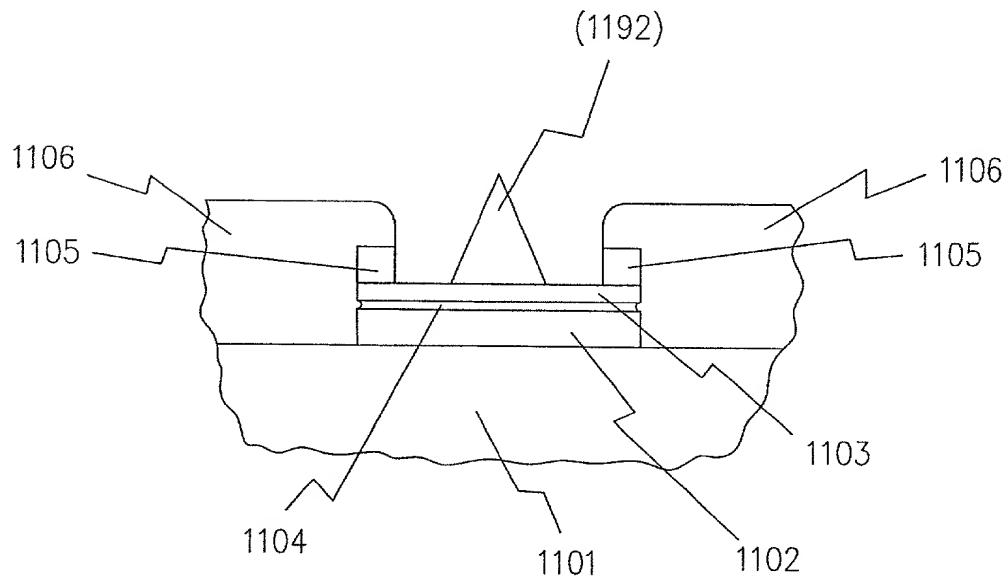


FIGURE 11d

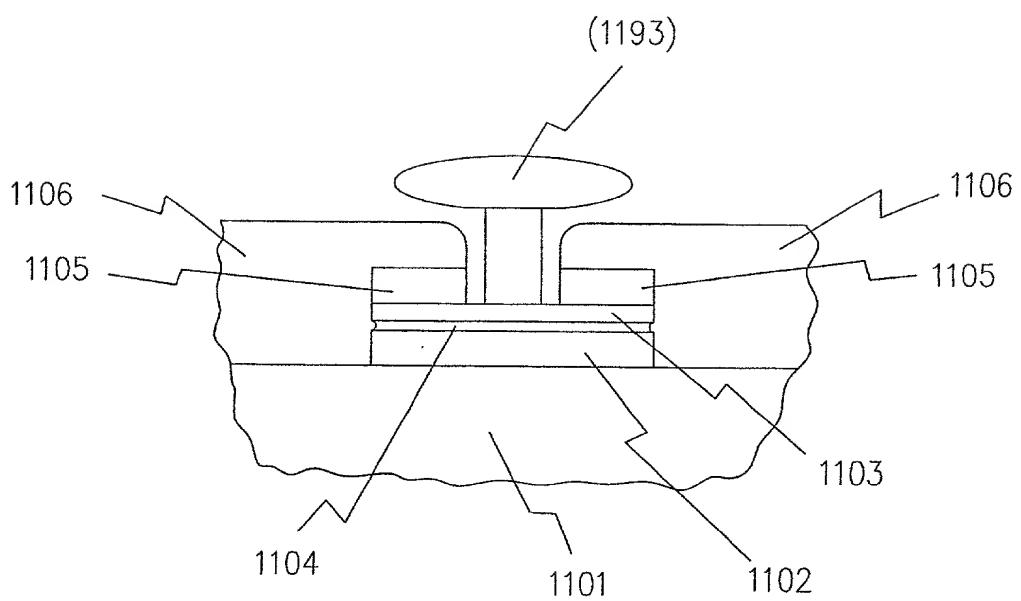


FIGURE 11e

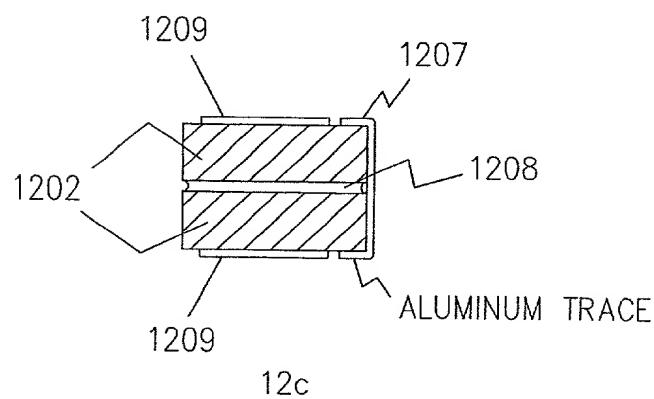
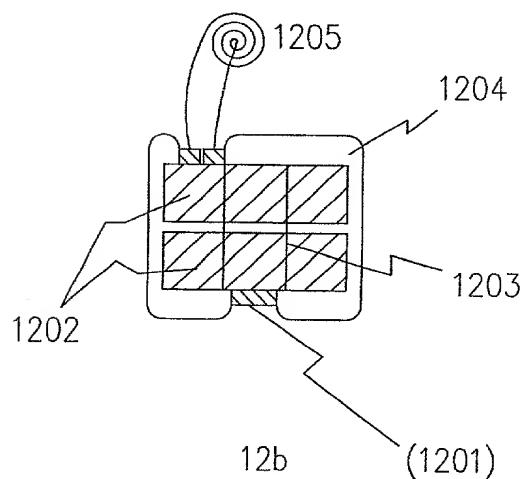
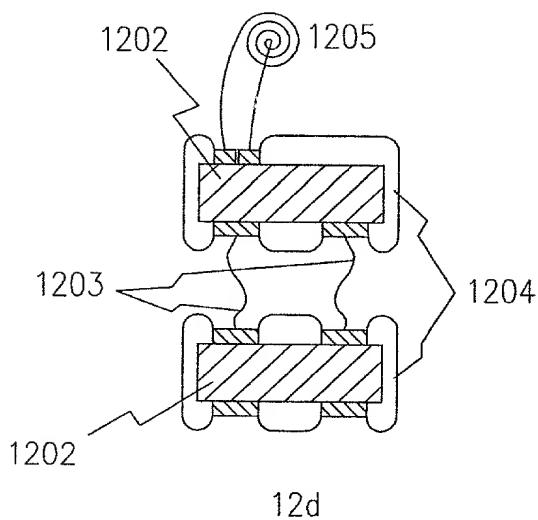
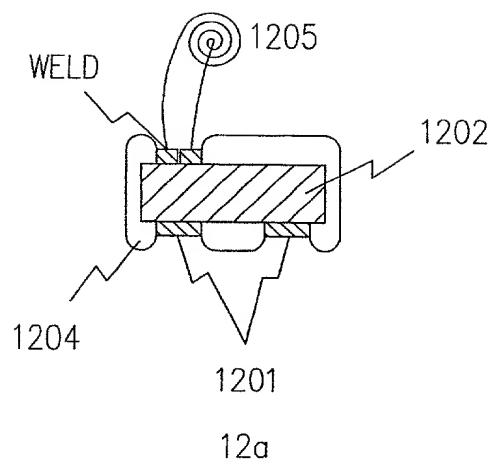


FIGURE 12  
COIL AND WIRE ATTACHMENT TO SUBSTRATES AT ELECTRODE

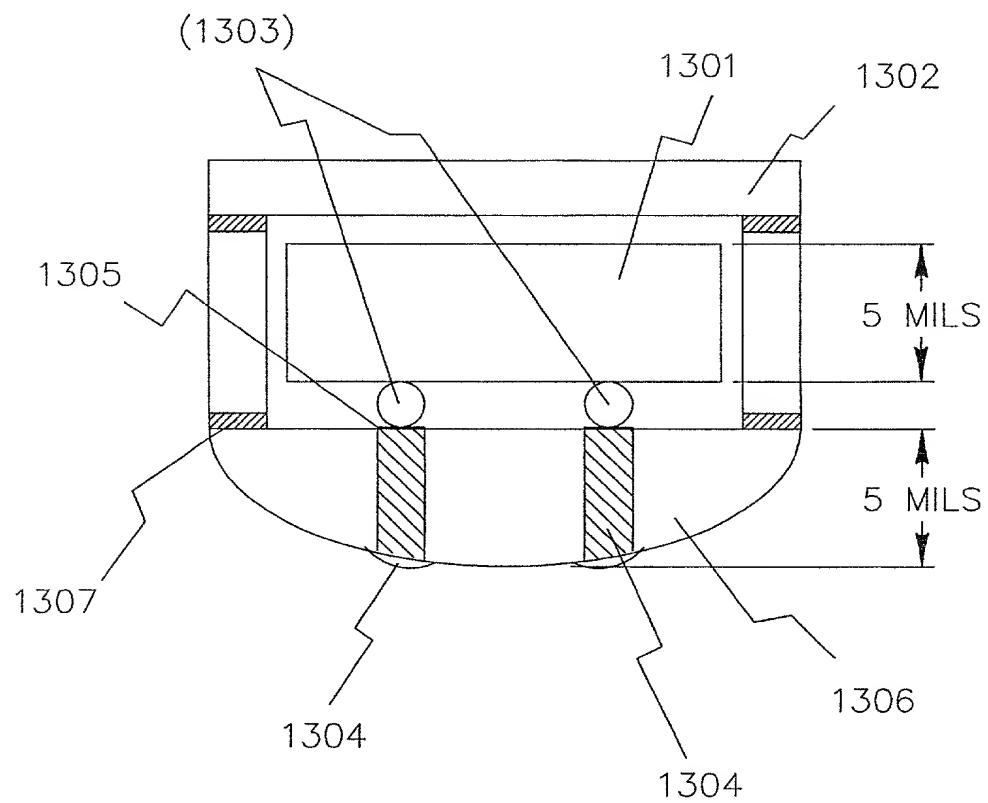


FIGURE 13  
HERMETIC SEALING

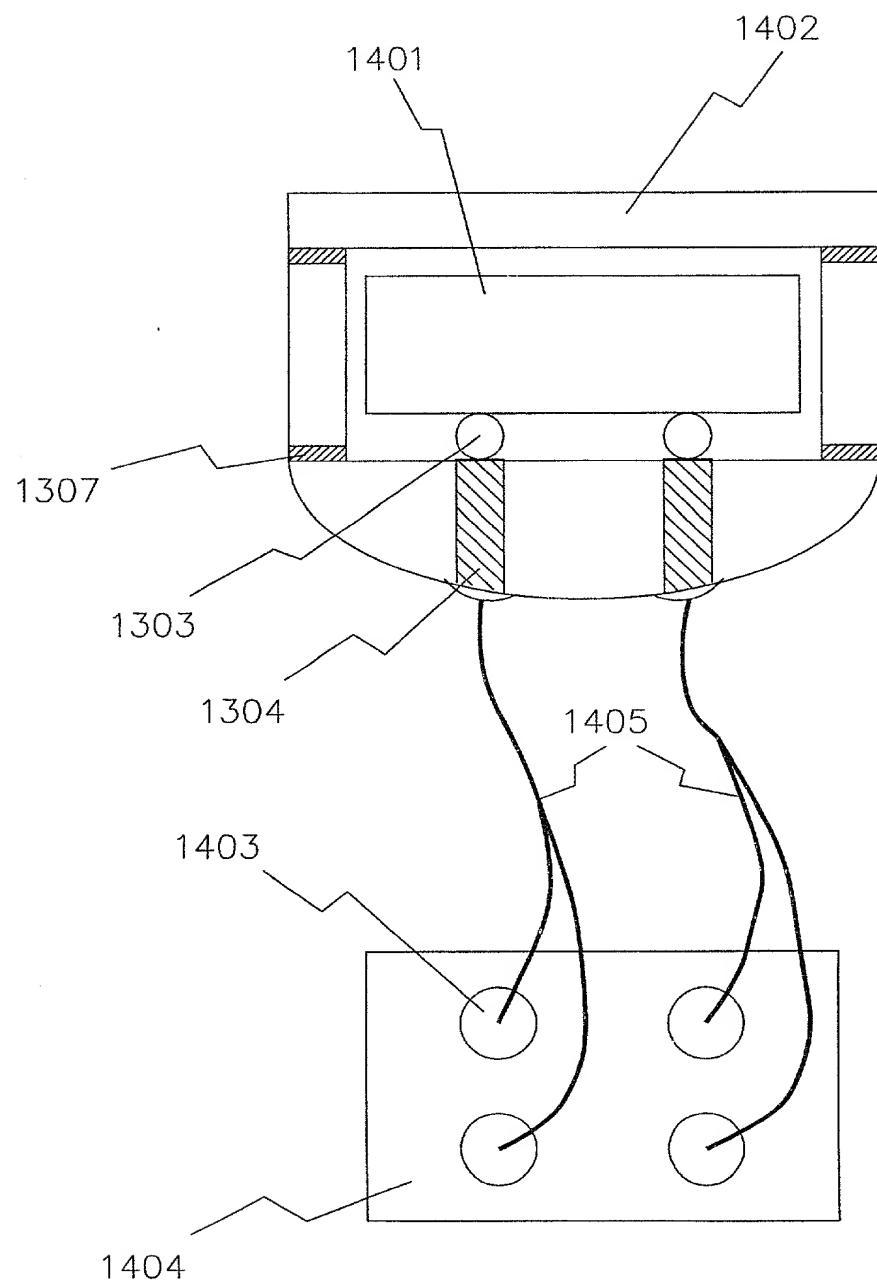


FIGURE 14

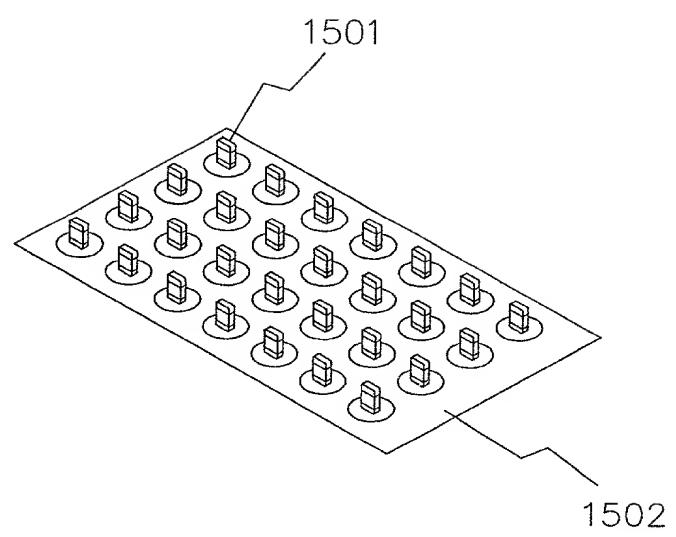


FIGURE 15

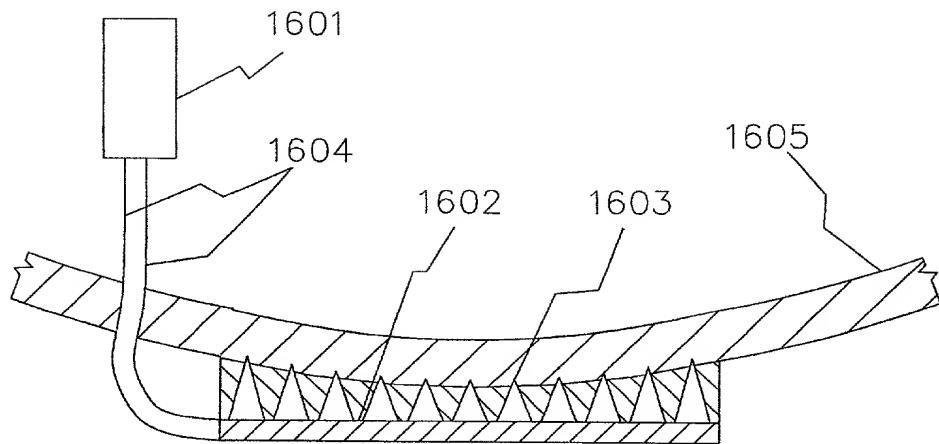


FIGURE 16a

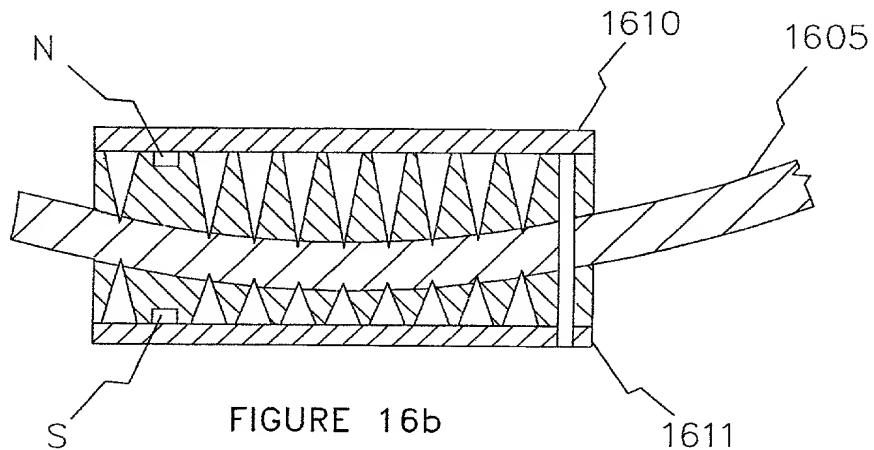


FIGURE 16b

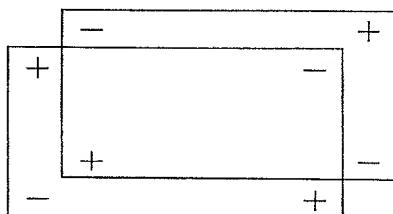


FIGURE 16c

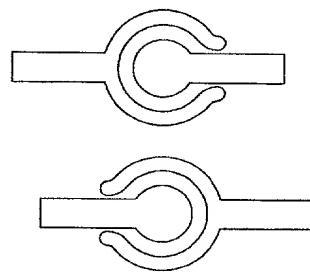


FIGURE 16d

PC PROGRAMMER

MAIN SCREEN

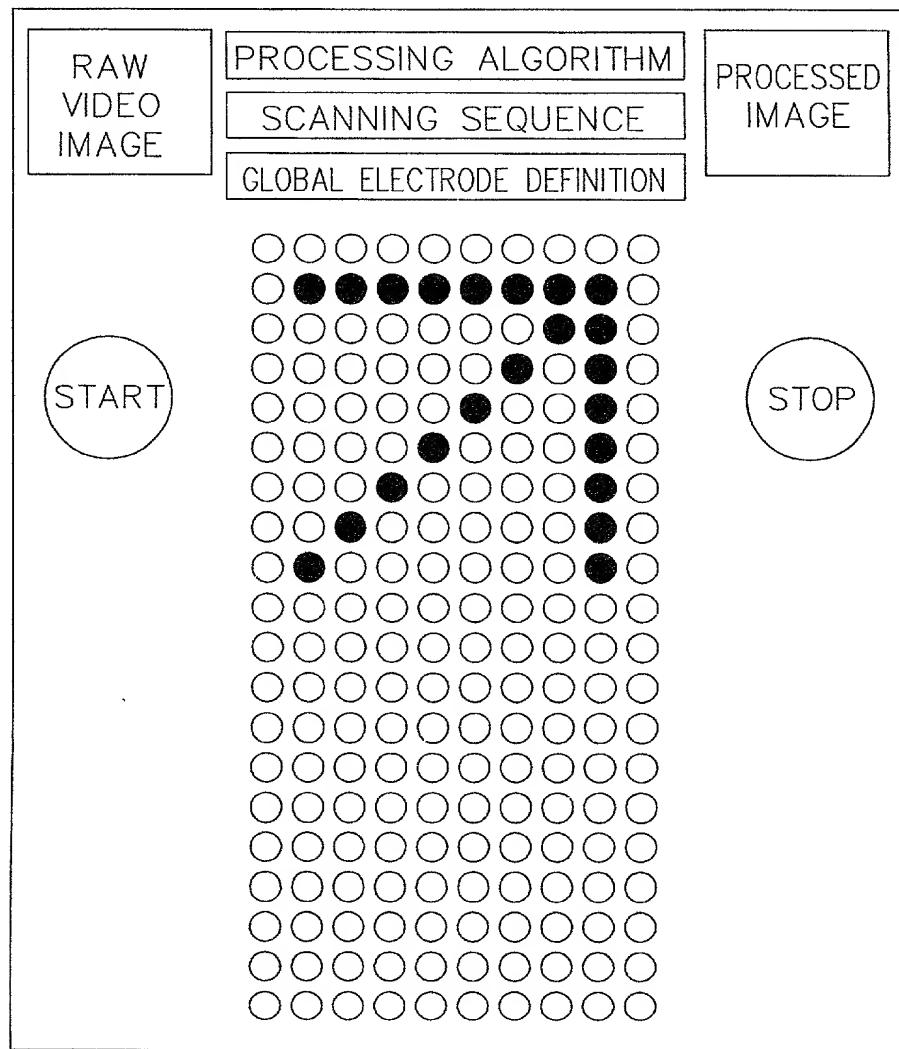
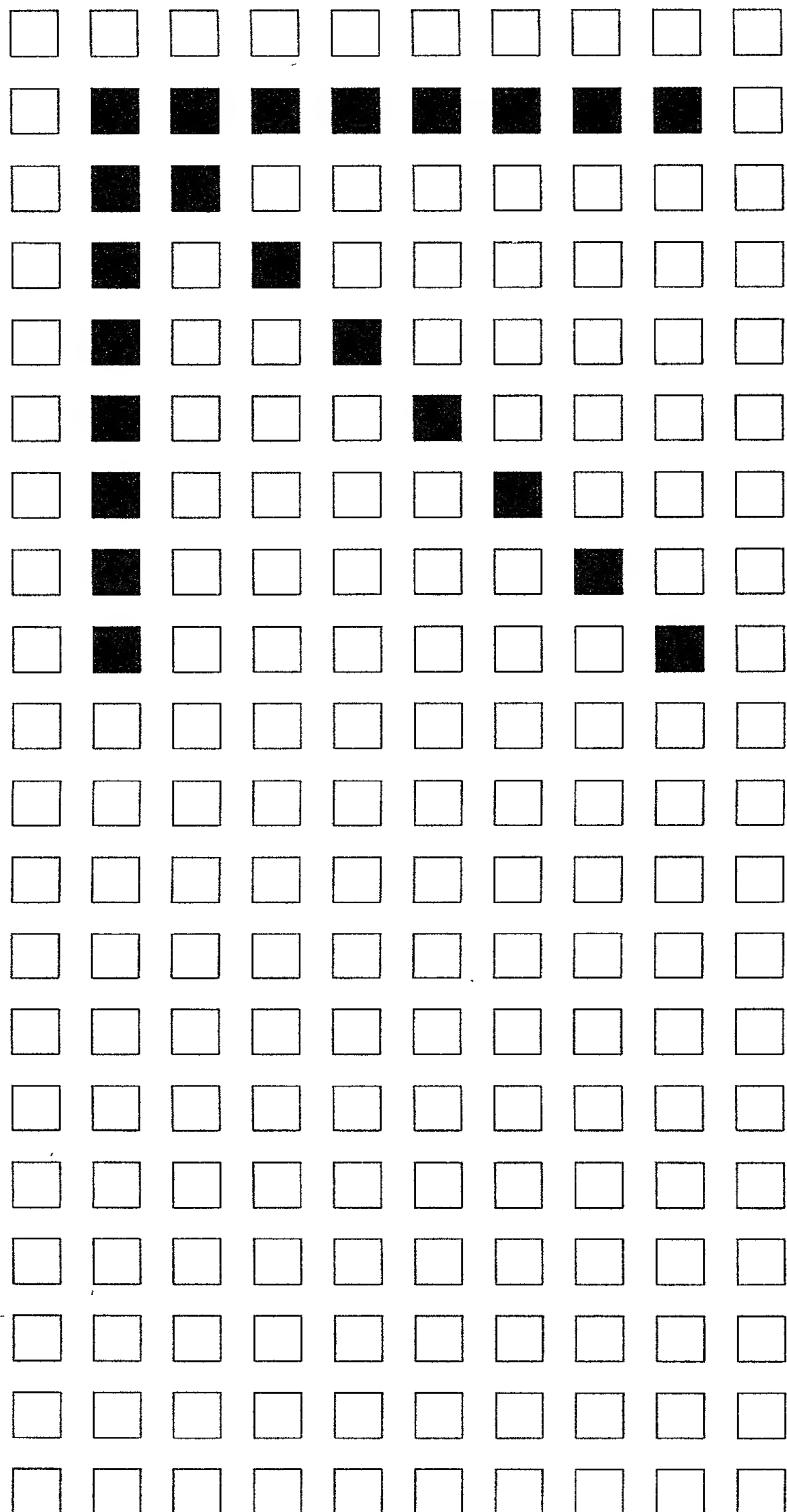


FIGURE 17a

PROCESSING ALGORITHM

PIXEL SELECTION



AVERAGE 8 SURROUNDING PIXELS

FIGURE 17b

SCANNING SEQUENCE

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100
101	102	103	104	105	106	107	108	109	110
111	112	113	114	115	116	117	118	119	120
121	122	123	124	125	126	127	128	129	130
131	132	133	134	135	136	137	138	139	140
141	142	143	144	145	146	147	148	149	150
151	152	153	154	155	156	157	158	159	160
161	162	163	164	165	166	167	168	169	170
171	172	173	174	175	176	177	178	179	180
181	182	183	184	185	186	187	188	189	190
191	192	193	194	195	196	197	198	199	200

PREDEFINED SEQUENCE A

FIGURE 17c

### ELECTRODE PARAMETERS

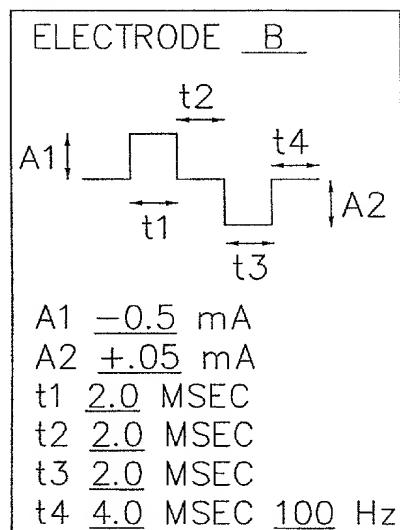


FIGURE 17d

### GLOBAL ELECTRODE CONFIGURATION

- MONOPOLAR
- BIPOLAR
- MULTIPOLAR

FIGURE 17e

### BIPOLAR

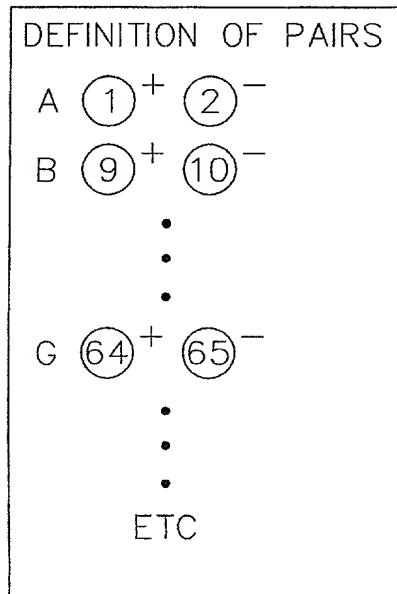


FIGURE 17f

### MULTIPOLAR

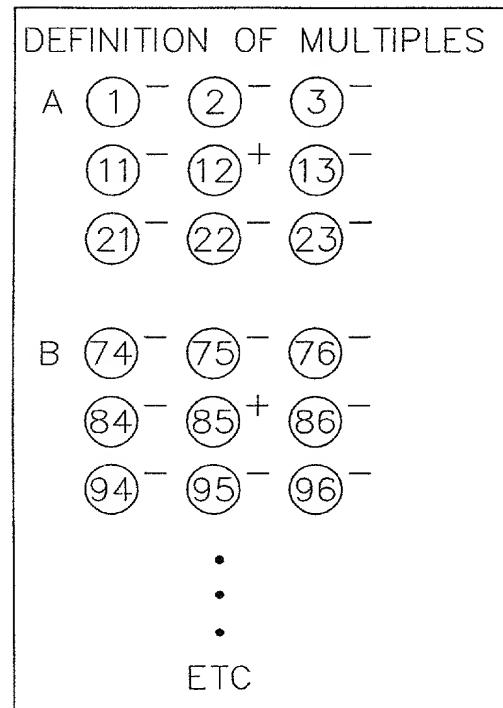


FIGURE 17g

PALM-SIZED TEST UNIT

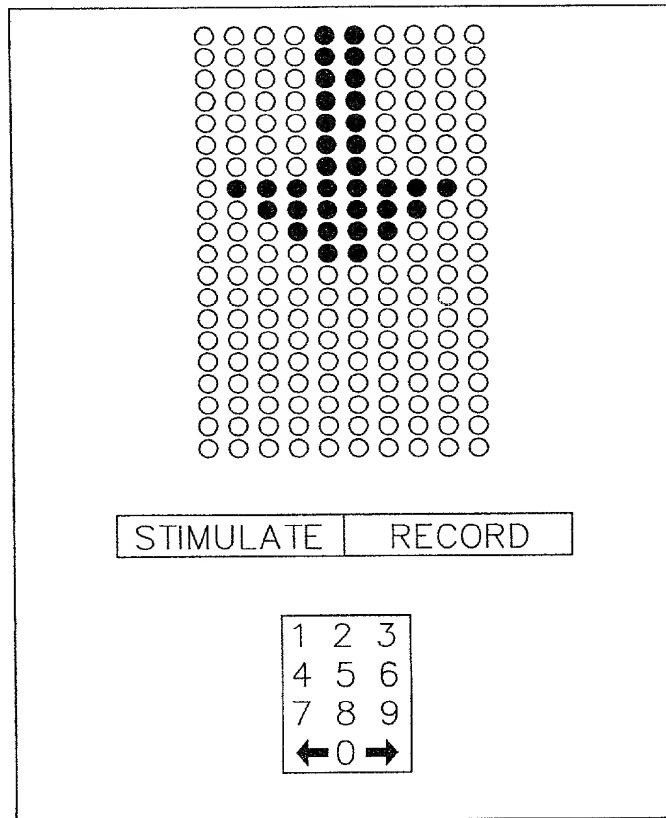


FIGURE 18a

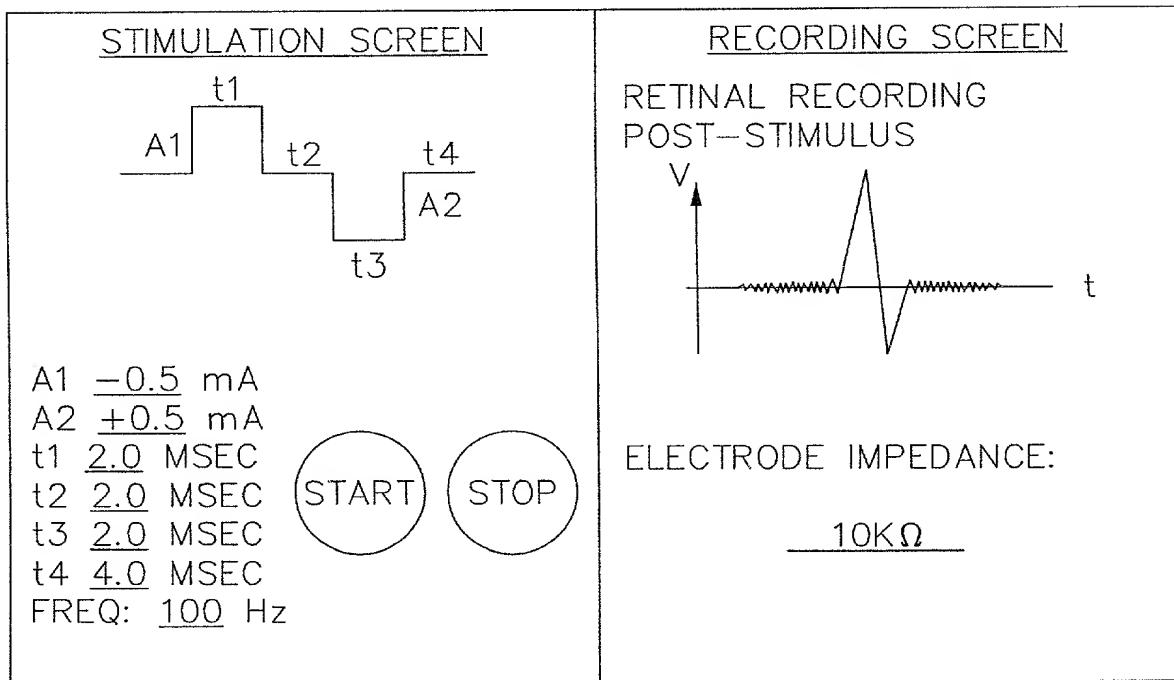


FIGURE 18b

FIGURE 18c

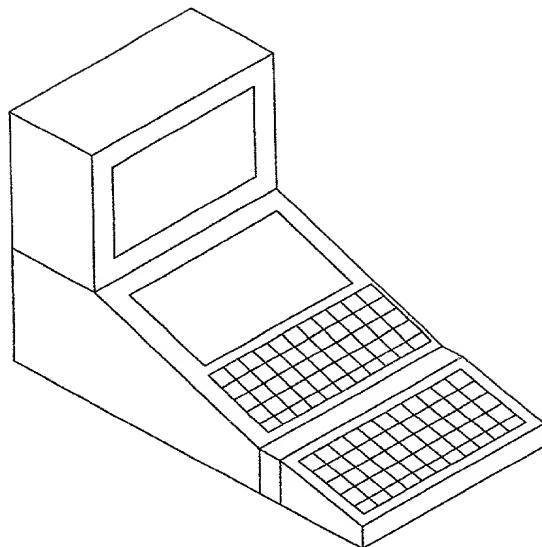


FIGURE 19a

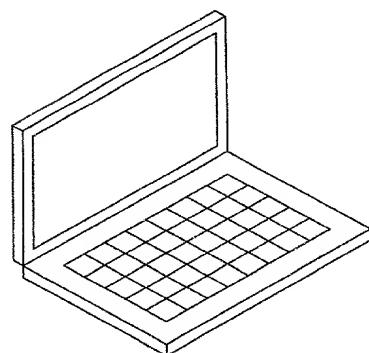


FIGURE 19b

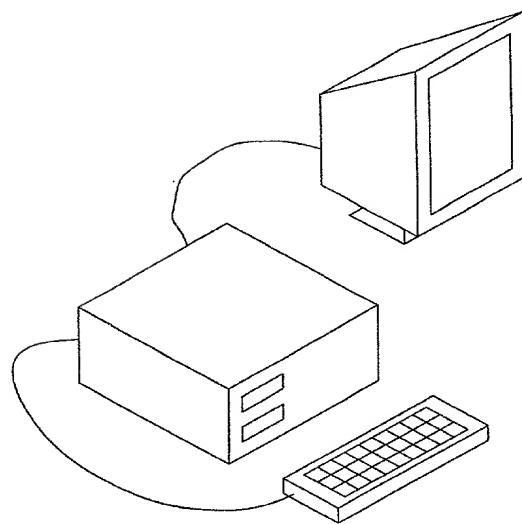


FIGURE 19c

PATIENT CONTROLLER

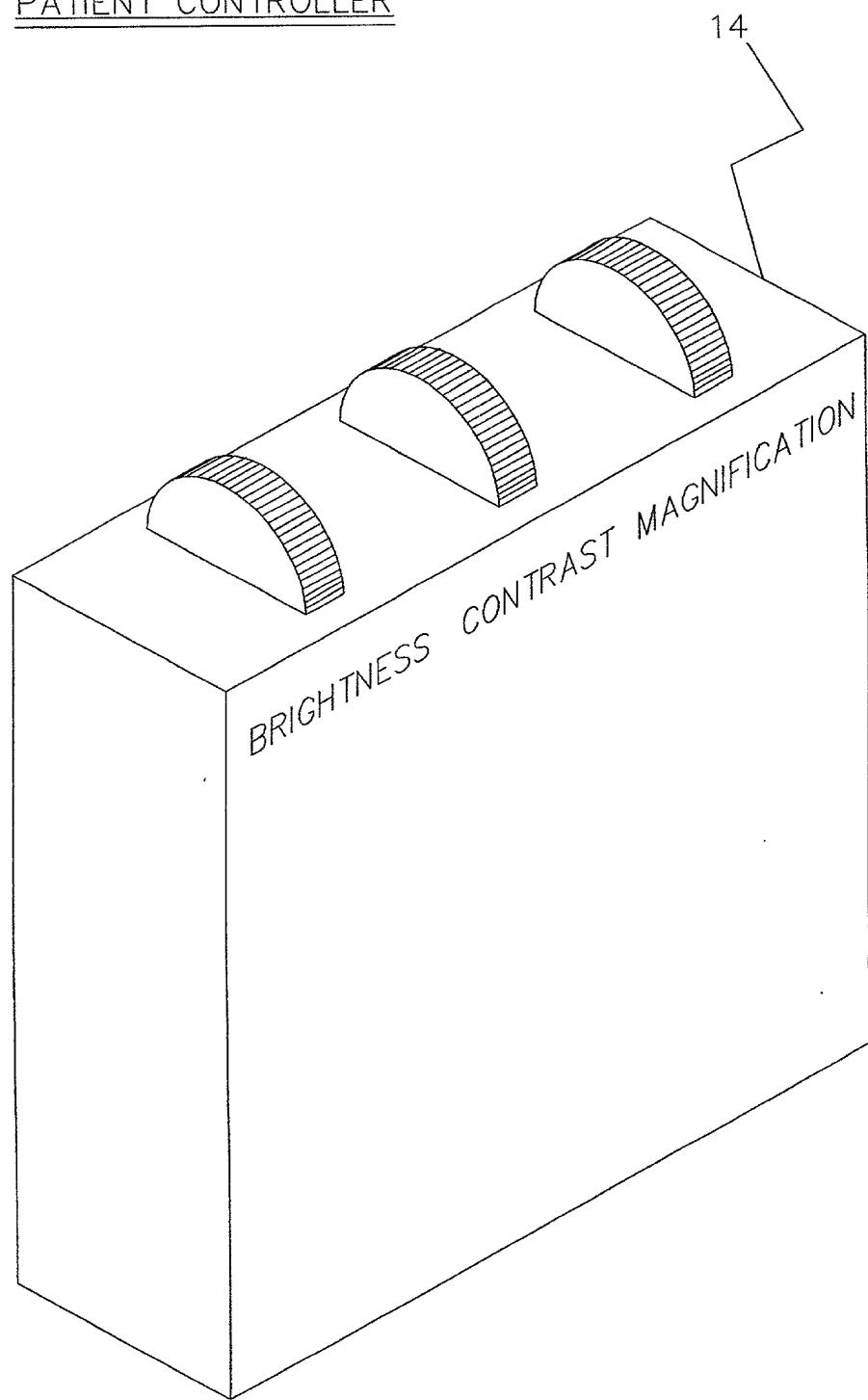


FIGURE 20